

# Sunmoon Battery

# CR17450

Lithium Manganese Dioxide Battery [Li/MnO<sub>2</sub>] 3.0V



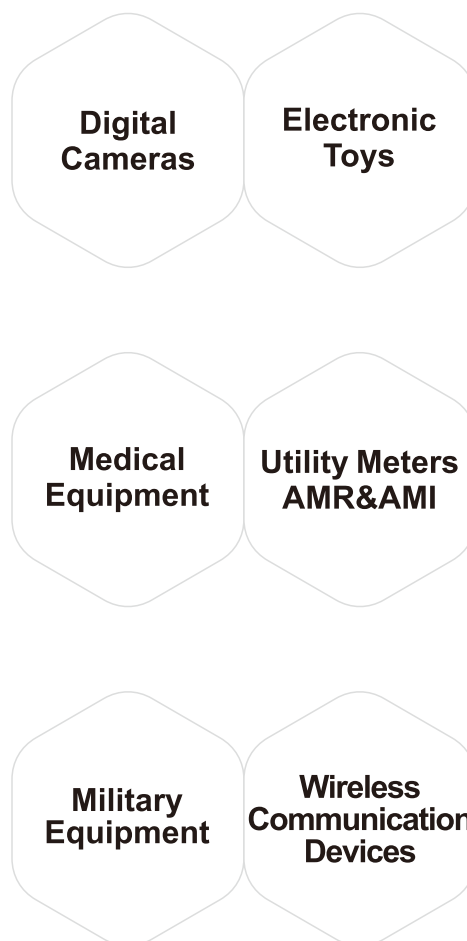
## • Electrical Specification

<b>Nominal Capacity[2mA~2V]</b>	<b>2.2Ah</b>
<i>The discharge capacity of battery depends on the environment temperature and the terminated voltage of the battery.</i>	
<b>Nominal Voltage</b>	<b>3.0V</b>
<b>Max. Continuous Discharge Current</b>	<b>1500mA</b>
<b>Max. Pulse Discharge Current</b>	<b>3000mA</b>
<b>Max. Weight</b>	<b>26g</b>
<b>Operating Temperature</b>	<b>-40°C ~ +65°C</b>

## • Advantages

- High energy density over 320Wh/kg
- 3.0V series cell with operating voltage ranging from 2.5~3.0V and stable discharging voltage
- No passivation[or voltage delay]
- Operating temperature: -40°C + 65°C
- Good performance under high power pulse discharge , excellent reliability and environment friendly
- Stable performance with annual average discharge ≤2% and long storage life at room temperature

## • Main Applications



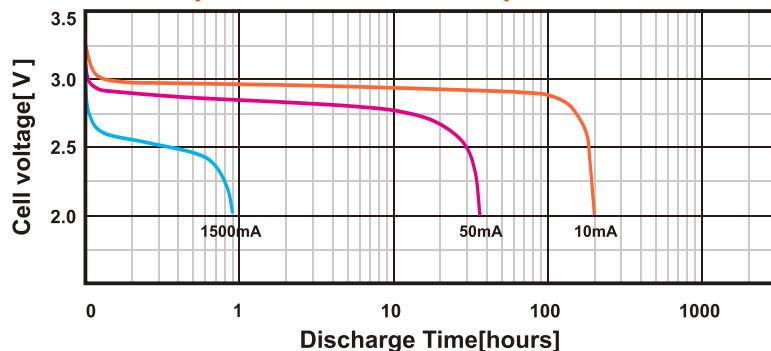
**Customer Satisfaction is the Purpose We Always Adhere to,  
Continuous Improvement is the Direction We Always Pursue!**

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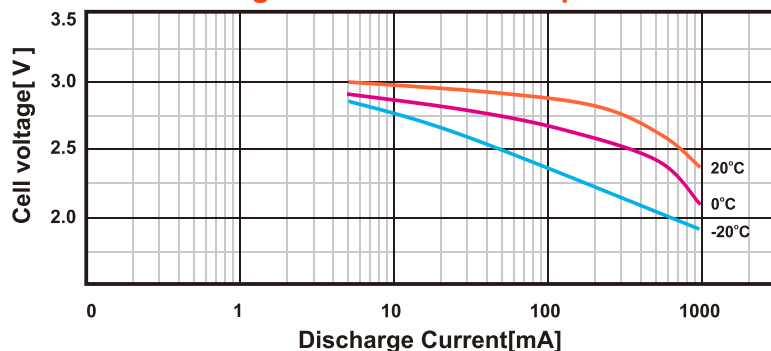
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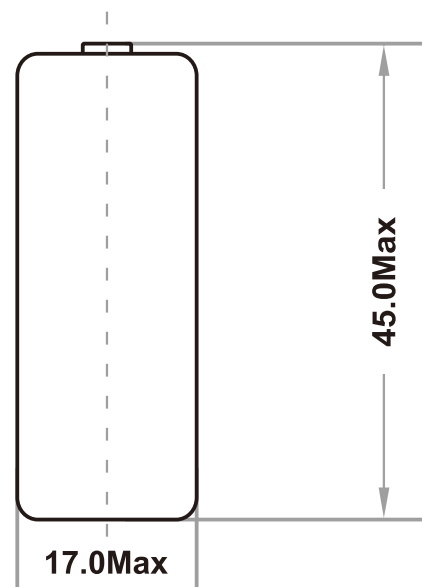
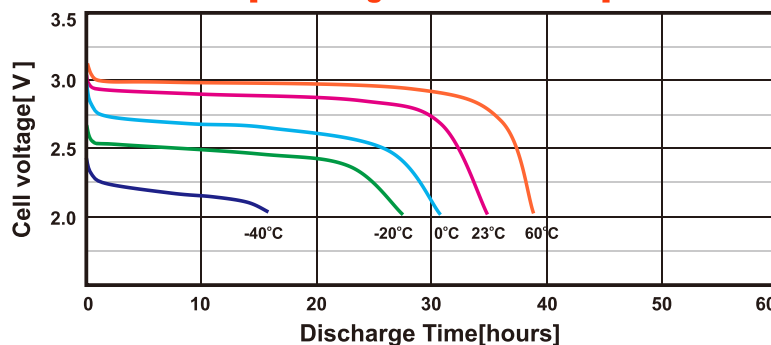
Discharge Current VS Discharge Time at Room Temperature Under Atmospheric Pressure



Voltage VS Current VS Temperature



Temperature VS Discharge Characteristics [Discharge Current 50mA]



## Available Terminations

- S: Standard Termination
- T: Solder Tabs
- P: Axial Pins
- Customized terminations are available

## Warning

- Do not expose the battery to open flame, inflammable and explosive articles.
- Do not recharge, short-circuit, disassemble, incinerate the battery or heat the battery to more than 100°C.
- Do not use the battery beyond the permitted temperature range.

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